



## Eastern Analytical, Inc.

*professional laboratory and drilling services*

E.J. Malone  
Powder Mill Fish Hatchery (NH Fish&Game)  
288 Merrymeeting Road  
New Durham , NH 03855



Subject: Laboratory Report

Eastern Analytical, Inc. ID: 176486  
Client Identification: None  
Date Received: 11/30/2017

Dear Mr. Malone :

Enclosed please find the report of analysis for the above identified project.  
As discussed, analyses were subcontracted and are listed as follows:

Analysis: Subcontract - Formaldehyde 8315A Aqueous (PEL)

Subcontractor Lab: Phoenix Environmental Laboratories, Inc.

A complete copy of the report is attached. This report may not be reproduced except in full,  
without the written approval of the laboratory.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,

Lorraine Olashaw, Lab Director

12-13-17

Date

8

# of pages (excluding cover letter)



SAMPLE CONDITIONS PAGE

EAI ID#: 176486

Client: Powder Mill Fish Hatchery (NH Fish&Game)  
Client Designation: None

Temperature upon receipt (°C): 6.3				Received on ice or cold packs (Yes/No): Y		
Acceptable temperature range (°C): 0-6						
Lab ID	Sample ID	Date Received	Date Sampled	Sample Matrix	% Dry Weight	Exceptions/Comments (other than thermal preservation)
176486.01	Outfall 002	11/30/17	11/30/17	aqueous		Adheres to Sample Acceptance Policy

Samples were properly preserved and the pH measured when applicable unless otherwise noted. Analysis of solids for pH, Flashpoint, Ignitability, Paint Filter, Corrosivity, Conductivity and Specific Gravity are reported on an "as received" basis. Immediate analyses, pH, Total Residual Chlorine, Dissolved Oxygen and Sulfite, performed at the laboratory were run outside of the recommended 15 minute hold time.

All results contained in this report relate only to the above listed samples.

References include:

- ) EPA 600/4-79-020, 1983
- ) Standard Methods for Examination of Water and Wastewater, 20th Edition, 1998 and 22nd Edition, 2012
- ) Test Methods for Evaluating Solid Waste SW 846 3rd Edition including updates IVA and IVB
- ) Hach Water Analysis Handbook, 2nd edition, 1992



Wednesday, December 06, 2017

Attn: Front Office  
Eastern Analytical  
25 Chenell Drive  
Concord, NH 03301

Project ID: 176486  
Sample ID#s: BZ49669

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in cursive script, reading "Phyllis Shiller".

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
CT Lab Registration #PH-0618  
MA Lab Registration #M-CT007  
ME Lab Registration #CT-007  
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003  
NY Lab Registration #11301  
PA Lab Registration #68-03530  
RI Lab Registration #63  
VT Lab Registration #VT11301



Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102 Fax (860) 645-0823



## Analysis Report

December 06, 2017

FOR: Attn: Front Office  
Eastern Analytical  
25 Chenell Drive  
Concord, NH 03301

### Sample Information

Matrix: WATER  
Location Code: EASTANAL  
Rush Request: Standard  
P.O.#: 47282

### Custody Information

Collected by:  
Received by: LB  
Analyzed by: see "By" below

### Date      Time

11/30/17      11:25  
12/04/17      11:03

### Laboratory Data

SDG ID: GBZ49669  
Phoenix ID: BZ49669

Project ID: 176486  
Client ID: OUTFALL 002

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Formaldehyde Prep by HPLC	Completed					12/04/17	Z/T/I	
Formaldehyde	ND	50	25	ug/L	1	12/05/17	MH	E1667/SW8315A

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL  
BRL=Below Reporting Level L=Biased Low LOD=Limit of Detection MDL=Method Detection Limit1

### Comments:

If there are any questions regarding this data, please call Phoenix Client Services.  
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

December 06, 2017

Reviewed and Released by: Bobbi Aloisa, Vice President



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## QA/QC Report

December 06, 2017

### QA/QC Data

SDG I.D.: GBZ49669

Parameter	Blank	Blk	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	%	%
		RL							Rec Limits	RPD Limits
QA/QC Batch 411691 (ug/L), QC Sample No: BZ49669 (BZ49669)										
Formaldehyde	ND	50	103			105			30 - 130	20

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference

Phyllis/Shiller, Laboratory Director  
December 06, 2017

Wednesday, December 06, 2017

Criteria: None

State: NH

Sample No      Acode

Phoenix Analyte

\*\*\* No Data to Display \*\*\*

Criteria

Result

RL

Criteria

RL  
Criteria      Analysis  
Units

**Sample Criteria Exceedances Report**  
**GBZ49669 - EASTANAL**

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedances. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



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Tel. (860) 645-1102 Fax (860) 645-0823



## Analysis Comments

December 06, 2017

SDG I.D.: GBZ49669

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The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

# CHAIN-OF-CUSTODY RECORD

eastern analytical  
professional laboratory services

4.60w/etice

Sample ID Date Sampled Matrix aParameters

Outfall 002 11/30/2017 aqueous Subcontract - Formaldehyde 8315A (PEL) 11:25

49669

EAID# 176486 Page 1

Sample Notes

EAID# 176486 Project State: NH

Project ID: 784

Company Phoenix Environmental Labs

Address 587 East Middle Turnpike

Address Manchester, CT 06040

Account #

Phone # (860) 645-1102

Fax Number 860 645-0823

Eastern Analytical, Inc. 25 Chenell Dr. Concord, NH 03301

Phone: (603)228-0525

1-800-287-0525

Fax: (603)228-4591

PO #: 47282

EAID# 176486

Please call prior to analyzing, if RUSH surcharges will be applied.

## QC Deliverables

☒ A ☐ A+ ☐ B ☐ B+ ☐ C ☐ P

## Notes about project:

Email pdf of results and invoice to customerservice@eallabs.com.

Samples collected by:

Relinquished by

Date/Time

Received by

UPS 12/14/17 1103


Date/Time

Received by

As a subcontract lab to EAL, you will defend, indemnify and hold Eastern Analytical, Inc., its officers, employees, and agents harmless from and against any and all liability, loss, expense or claims for injury or damages arising out of the performance against this chain of custody but only in proportion to and to the extent such liability, loss, expense, or claims for injury or damages are caused by or result from the negligent or intentional acts or omissions of you as a subcontract lab, your officers, agents or employees



## 3.


**Eastern Analytical, Inc.**  
professional laboratory and drilling services

25 CHENELL DRIVE  
CONCORD, NH 03301 | TEL: 603.228.0525 | 1.800.287.0525 | E-MAIL: CUSTOMERSERVICE@EASTERNANALYTICAL.COM | WWW.EASTERNANALYTICAL.COM

**PROJECT MANAGER:** ES Malone  
**COMPANY:** Powder Mill Fish Hatchery  
**ADDRESS:** 288 Mercury Meeting Rd  
**CITY:** New Durham **STATE:** NH **ZIP:** 03855  
**PHONE:** 603 859 2041 **FAX:** \_\_\_\_\_  
**E-MAIL:** edward.malone@wildlife.nh.gov  
**SITE NAME:** \_\_\_\_\_  
**PROJECT #:** \_\_\_\_\_  
**STATE:** NH **MA** **ME** **VT** **OTHER:** \_\_\_\_\_  
**REGULATORY PROGRAM:** **NIPDES:** RGF POTW **STORMWATER** OR  
**GWP, OIL FUND, BROWNFIELD OR OTHER:** \_\_\_\_\_  
**QUOTE #:** \_\_\_\_\_ **PO #:** \_\_\_\_\_

**DATE NEEDED:** Normal  
**QA/QC REPORTING LEVEL**  

☒ A
☐ B
☐ C

OR  
**PRESUMPTIVE CERTAINTY**

**REPORTING OPTIONS**  
PRELIMS: YES OR NO  
**ELECTRONIC OPTIONS**  
E-MAIL PDF EQUUS EXCEL

**SAMPLER(S):** ES Malone  
Edward Malone 4/30/17 1395  
**RELINQUISHED BY:** \_\_\_\_\_ **DATE:** \_\_\_\_\_ **TIME:** \_\_\_\_\_ **RECEIVED BY:** [Signature]

**RELINQUISHED BY:** \_\_\_\_\_ **DATE:** \_\_\_\_\_ **TIME:** \_\_\_\_\_ **RECEIVED BY:** \_\_\_\_\_

**RELINQUISHED BY:** \_\_\_\_\_ **DATE:** \_\_\_\_\_ **TIME:** \_\_\_\_\_ **RECEIVED BY:** \_\_\_\_\_

**TEMP:** 6.3 °C  
**ICE?** ☒ YES ☐ NO

**METALS:** 8 RCRA 13 PP FE, MN Pb, C  
**OTHER METALS:** \_\_\_\_\_  
**SAMPLES FIELD FILTERED?** ☐ YES ☒ NO  
**NOTES:** (IE: SPECIAL DETECTION LIMITS, BILLING INFO, IF DIFFERENT)

**SITE HISTORY:** \_\_\_\_\_  
**SUSPECTED CONTAMINATION:** \_\_\_\_\_  
**FIELD READINGS:** \_\_\_\_\_

(WHITE: ORIGINAL GREEN: PROJECT MANAGER)